# MISSISSIPPI STATE DEPARTMENT OF HEALTH 2015 JUL -1 AM 8: 12 BUREAU OF PUBLIC WATER SUPPLY CCR CERTIFICATION CALENDAR YEAR 2014 Cedar Grove-Harmony Water Public Water Supply Name Association PWS#: 0460002 List PWS ID #s for all Community Water Systems included in this CCR

The Federal Safe Drinking Water Act (SDWA) requires each Community public water system to develop and distribute a Consumer Confidence Report (CCR) to its customers each year. Depending on the population served by the public water system, this CCR must be mailed or delivered to the customers, published in a newspaper of local circulation, or provided to the customers upon request. Make sure you follow the proper procedures when distributing the CCR. You must mail, fax or email a copy of the CCR and Certification to MSDH. Please check all boxes that apply.

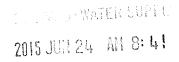
eman a copy of the CCR and Certification to MSDH. Please check all boxes that apply.
Customers were informed of availability of CCR by: (Attach copy of publication, water bill or other)
Advertisement in local paper (attach copy of advertisement)  On water bills (attach copy of bill)  Email message (MUST Email the message to the address below)  Other
Date(s) customers were informed:/,/
CCR was distributed by U.S. Postal Service or other direct delivery. Must specify other direct delivery methods used
Date Mailed/Distributed: / /
CCR was distributed by Email (MUST Email MSDH a copy)
CCR was published in local newspaper. (Attach copy of published CCR or proof of publication)
Name of Newspaper: The Columbian Progress
Date Published: 6 / 25 / 2015
CCR was posted in public places. (Attach list of locations)  Date Posted:/
CCR was posted on a publicly accessible internet site at the following address ( <b>DIRECT URL REQUIRED</b> ):
CERTIFICATION  I hereby certify that the 2014 Consumer Confidence Report (CCR) has been distributed to the customers of this public water system in the form and manner identified above and that I used distribution methods allowed by the SDWA. I further certify that the information included in this CCR is true and correct and is consistent with the water quality monitoring data provided to the public water system officials by the Mississippi State Department of Health, Bureau of Public Water Supply.  **Name/Title**President, Mayor, Owner, etc.)*  **Date**    CCR   has been distributed to the customers of this public water is seen and correct and is consistent with the water quality monitoring data provided to the public water system officials by the Mississippi State Department of Health, Bureau of Public Water Supply.    Application   Applicati

Deliver or send via U.S. Postal Service: Bureau of Public Water Supply P.O. Box 1700 Jackson, MS 39215

May be faxed to: (601)576-7800

May be emailed to: water.reports@msdh.ms.gov

### 2014 Annual Drinking Water Quality Report Cedar Grove Harmony Water Association PWS#: 0460002 June 2015



We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is from wells drawing from the Miocene Aquifer.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identified potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the Cedar Grove Harmony Water Association have received moderate susceptibility rankings to contamination.

If you have any questions about this report or concerning your water utility, please contact Margerette Speights at 601.736.9999. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the first Thursday of the month at 6:30 PM at the office.

We routinely monitor for constituents in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that were detected during the period of January 1st to December 31st, 2014. In cases where monitoring wasn't required in 2014, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) – The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary to control microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) – The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

TEST RESULTS								
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination
Inorganic	Contami	inants						VIII.
10. Barium	N	2012*	.0397	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries;

		······································		······································					
*:									erosion of natural deposits
13. Chromium	N	2012*	2.53	No Range		ppb	11	00 100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2010/1	2* .13	0		ppm	1	.3 AL=1.	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2012*	.376	No Range		ppm		4 4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2010/1	2* 1	0		ppb		0 AL=1	
Disinfectio	n By-	Produc	ts						
81. HAA5	N	2013*	2	No Range	ppb		0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2010*	1.64	No Range	ppb		0	80	By-product of drinking water chlorination.
Chlorine	N	2014	1.2	0 – 1.5	mg/l		0 1	MRDL = 4	Water additive used to control microbes

<sup>\*</sup> Most recent sample. No sample required for 2014.

As you can see by the table, our system had no violations. We're proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that some constituents have been detected however the EPA has determined that your water IS SAFE at these levels.

We are required to monitor your drinking water for specific constituents on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our water system is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 601.576.7582 if you wish to have your water tested.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", the CEDAR GROVE HARMONY WATER ASSN. is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year in which average fluoride sample results were within the optimal range of 0.7-1.3 ppm was 2. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.7-1.3 ppm was 18%.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline 1-800-426-4791.

The Cedar Grove Harmony Water Association works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

PROOF OF PUBLICATION

## THE STATE OF MISSISSIPPI **COUNTY OF MARION**

Personally appeare Public, in and for to Amundson who being that she is Legal newspaper published County, aforesaid, and of which is hereto a time(s), a	he County and by me and Clerk of the clin the Cited in the Cited that the publication has sollows:	and State aforesand duly sworn, state one Columbian-Proty of Columbia, colication of the notice been made in states.	id, Susan es on oath ogress, a State and ice, a copy said paper
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THIS IS NOT A STATEMENT

### 2014 Annual Drinking Water Quality Report Cedar Grove Harmony Water Association PWS#:0460002 June 2015

Were pleased to properly to you this year Annua Quarty Water Bapot. This region is designed to inform you about the credit year and exercise we device you owney. Our consisting year is provided you that a safe and designed additional years of the control years of the property of the safety and years of the year years of understand this affects we make to confirmed, improve the wheer registering process and present during which years yet. Our many the process of the process and present during which years yet. Our many the process of the process process and present during the process of years yet. Our many the control is formed in sensely them had become vicines.

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If you have any questions about this report of concerning your weeks (alley, pressur contact Mangements Specific at 801.778.9909. We want our visited customers for be informed about finely replace usaffy, if you sent to 165m month, prefer attend any of our regulate-fondation meetings. They are to skid on the fast Thirday of the month of 450 PM at they define.

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Contaminant	Vikialisi YiN	Collecte	d Detecto	Harge of Detects or # of Samples Estatoling ACCUACE		Una Measure mest	MCLG		MCL	Likely Source of Contamination
Inorganic	Contar	ainants								
10. Bartum	N	20121	9197	les Range		pom		2	,	Discharge of drawing reasons; discharge from metal refrance; erosion of natural deposits
13. Chromken	H	2012*	233	No Ranga		659	1	00	100	Discharge from steel and pulp mile sposion of netural deposite
14. Copper	8	2010/12	13	0		ppm		a	AU-II	Contration of feathered planting systems; erosion of natural deposits; leaching from wood protections.
16 Fleoride	H	2012*	375	Na Pange		pore.		4	4	E/casion of natural deposits: water scribble which promises alterna- teeth: discribing from furtibust and aluminum foctories
17. Leas	N	2010/12	1	0		ppb		0	ALAI S	Corresion of Bousehold physicing systems, expelon of natural deposit
Disinfectio	n By-P	roducts								
BI. HAAS	н	2013"	2	No Range	966		٩		60	By Protivis of drinking water disinfaction.
82. TTHM (Total Vibalomethenes)	н	2010*	1,64	No Range	ppb		0		60	By preduct of disklay value chlorisation.
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\*Mast recent ensigh. No seeplar regelated for 2014.

As you can see by this table, one yearan had no violations, vivine ground that your distauring water ments or exceeds as F-ceesal date. You can be represented. We have learned through our mortiforing and disting that some constituents have been distolated however the EPA has delemined but you ment of SPAF of these levels.

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